

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| | | ((frequency or wavelength) near select\$) and (etalon or filter or prism) and 372/22.ccls. | US-PGPUB; USPAT | OR | OFF | 2002/10/28 15:19 |
| | | ((frequency or wavelength) near select\$) and (etalon or filter or prism) and 372/21.ccls. | US-PGPUB; USPAT | OR | OFF | 2002/10/28 15:19 |
| L1 | 1033 | 372/9.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/30 11:46 |
| L2 | 55 | 1 and ((frequency or wavelength) near select\$3) and (etalon or filter or prism) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/30 11:46 |
| L3 | 215 | 372/11.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/30 11:49 |
| L4 | 21 | 3 and ((frequency or wavelength) near select\$3) and (etalon or filter or prism) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/30 11:50 |
| L5 | 281 | 372/12.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/30 11:56 |
| L6 | 23 | 5 and ((frequency or wavelength) near select\$3) and (etalon or filter or prism) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/30 11:56 |
| L7 | 171 | 372/13.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/30 12:05 |
| L8 | 22 | 7 and ((frequency or wavelength) near select\$3) and (etalon or filter or prism) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/30 12:05 |

| | | | | | | |
|-----|------|---|---|----|-----|------------------|
| L9 | 628 | 372/21.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/30 12:10 |
| L10 | 107 | 9 and ((frequency or wavelength) near select\$3) and (etalon or filter or prism) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/30 12:10 |
| L11 | 803 | 372/22.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/30 12:15 |
| L12 | 148 | 11 and ((frequency or wavelength) near select\$3) and (etalon or filter or prism) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/30 12:15 |
| L13 | 1527 | 372/92.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/30 12:18 |
| L14 | 224 | 13 and ((frequency or wavelength) near select\$3) and (etalon or filter or prism) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/30 12:16 |
| L15 | 105 | 13 and ((frequency or wavelength) near select\$3) and (etalon or filter or prism) and semiconductor near3 laser | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/30 12:18 |
| L16 | 795 | 372/98.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/30 12:20 |
| L17 | 59 | 16 and ((frequency or wavelength) near select\$3) and (etalon or filter or prism) and semiconductor near3 laser | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/30 12:20 |
| L18 | 834 | 372/102.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/30 12:24 |

| | | | | | | |
|-----|------|---|---|----|-----|------------------|
| L19 | 108 | 18 and ((frequency or wavelength) near select\$3) and (etalon or filter or prism) and semiconductor near3 laser | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/30 12:24 |
| L20 | 741 | 372/49.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/30 12:25 |
| L21 | 11 | 20 and ((frequency or wavelength) near select\$3) and (etalon or filter or prism) and semiconductor near3 laser | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/30 12:25 |
| L22 | 5827 | 372/43.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/30 12:25 |
| L23 | 59 | 22 and ((frequency or wavelength) near select\$3) and (etalon or filter or prism) and semiconductor near3 laser | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/30 12:26 |
| S1 | 71 | 372/20.ccls. and 372/22.ccls. | US-PGPUB; USPAT | OR | OFF | 2005/03/30 11:03 |
| S2 | 30 | (372/20.ccls. and 372/22.ccls.) and wavelength near select\$3 | US-PGPUB; USPAT | OR | OFF | 2002/10/28 14:25 |
| S3 | 19 | ((372/20.ccls. and 372/22.ccls.) and wavelength near select\$3) and filter | US-PGPUB; USPAT | OR | OFF | 2002/10/28 14:56 |
| S4 | 39 | ((frequency or wavelength) near select\$) and (etalon or filter or prism) and 372/22.ccls.) and beam adj split\$4 | US-PGPUB; USPAT | OR | OFF | 2005/03/30 11:05 |
| S5 | 1806 | hayakawa.in. | US-PGPUB; USPAT | OR | OFF | 2002/10/28 16:39 |
| S6 | 82 | hayakawa.in. and semiconductor adj laser | US-PGPUB; USPAT | OR | OFF | 2002/10/28 16:40 |
| S7 | 539 | sonoda.in. | US-PGPUB; USPAT | OR | OFF | 2002/10/29 12:04 |
| S8 | 20 | sonoda.in. and semiconductor adj laser | US-PGPUB; USPAT | OR | OFF | 2002/10/29 12:06 |
| S9 | 1712 | shinichiro.in. | US-PGPUB; USPAT | OR | OFF | 2002/10/29 12:04 |
| S10 | 83 | shinichiro.in. and semiconductor adj laser | US-PGPUB; USPAT | OR | OFF | 2002/10/29 12:05 |

| | | | | | | |
|-----|------|---|-----------------|----|-----|------------------|
| S11 | 42 | (shinichiro.in. and semiconductor adj laser) and wavelength and conver\$4 | US-PGPUB; USPAT | OR | OFF | 2002/10/29 12:06 |
| S12 | 7195 | modulation and semiconductor adj laser | US-PGPUB; USPAT | OR | OFF | 2002/10/29 12:07 |
| S13 | 4586 | (modulation and semiconductor adj laser) and current | US-PGPUB; USPAT | OR | OFF | 2002/10/29 12:11 |
| S14 | 2 | ((modulation and semiconductor adj laser) and current) and 372/22.ccls.) and "300" adj mw | US-PGPUB; USPAT | OR | OFF | 2002/10/29 12:09 |
| S15 | 71 | ((modulation and semiconductor adj laser) and current) and 372/22.ccls. | US-PGPUB; USPAT | OR | OFF | 2002/10/29 12:11 |
| S16 | 450 | (modulation and semiconductor adj laser) and current near modulation | US-PGPUB; USPAT | OR | OFF | 2002/10/29 12:11 |
| S17 | 6 | ((modulation and semiconductor adj laser) and current near modulation) and 372/22.ccls. | US-PGPUB; USPAT | OR | OFF | 2002/10/29 12:13 |
| S18 | 19 | "300" adj mw and 372/22.ccls. | US-PGPUB; USPAT | OR | OFF | 2002/10/29 12:14 |
| S19 | 0 | (wavelength near conversion) and bulk and (periodic near domain near reversing). | US-PGPUB; USPAT | OR | OFF | 2003/04/21 09:21 |
| S20 | 1 | (wavelength near conversion) and (periodic near domain near reversing) | US-PGPUB; USPAT | OR | OFF | 2003/04/21 09:23 |
| S21 | 2 | periodic near domain near reversing | US-PGPUB; USPAT | OR | OFF | 2003/04/21 09:22 |
| S22 | 0 | periodic near domain near segment\$1 | US-PGPUB; USPAT | OR | OFF | 2003/04/21 09:23 |
| S23 | 87 | (wavelength near conversion) and (periodic near domain) | US-PGPUB; USPAT | OR | OFF | 2003/04/21 10:12 |
| S24 | 0 | (wavelength near conversion near crystal) and (wavelength near conversion near waveguide) | US-PGPUB; USPAT | OR | OFF | 2003/04/21 10:14 |
| S25 | 9 | (wavelength near conversion near crystal) and (waveguide) | US-PGPUB; USPAT | OR | OFF | 2003/04/21 10:58 |
| S26 | 106 | (wavelength near modulation) and bulk | US-PGPUB; USPAT | OR | OFF | 2003/04/21 10:59 |
| S27 | 16 | ((wavelength near modulation) and bulk) and "372"/\$.ccls. | US-PGPUB; USPAT | OR | OFF | 2003/04/21 11:01 |
| S28 | 748 | wavelength near modulation | US-PGPUB; USPAT | OR | OFF | 2003/04/21 11:00 |
| S29 | 95 | (wavelength near modulation) and "372"/\$.ccls. | US-PGPUB; USPAT | OR | OFF | 2003/04/21 11:15 |

| | | | | | | |
|-----|-----|---|------------------------------------|----|-----|------------------|
| S30 | 3 | 372/24.ccls. and 372/21.ccls. | US-PGPUB; USPAT | OR | OFF | 2003/04/21 11:16 |
| S31 | 0 | 372/24.ccls. and (periodic near domain) | US-PGPUB; USPAT | OR | OFF | 2003/04/21 11:18 |
| S32 | 2 | 372/24.ccls. and (wavelength near conversion) | US-PGPUB; USPAT | OR | OFF | 2003/04/21 11:21 |
| S33 | 2 | 372/24.ccls. and modulat\$3 and 372/22.ccls | US-PGPUB; USPAT | OR | OFF | 2003/04/21 11:22 |
| S34 | 0 | (bulk near3 shap\$3 near3 nonlinear) and (filter or etalon) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2003/11/24 09:45 |
| S35 | 340 | (bulk near3 shap\$3) and (filter or etalon) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2003/11/24 09:43 |
| S36 | 15 | ((bulk near3 shap\$3) and (filter or etalon)) and (harmonic or (wavelength near3 conver\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2003/11/24 09:44 |
| S37 | 5 | (bulk near3 shap\$3 near3 crystal) and (filter or etalon) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2003/11/24 09:46 |
| S38 | 5 | (bulk near3 shap\$3 near3 crystal) and nonlinear | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2003/11/24 10:20 |
| S39 | 899 | nonlinear near3 crystal and (filter or etalon) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2003/11/24 10:34 |
| S40 | 167 | (nonlinear near3 crystal and (filter or etalon)) and bulk | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2003/11/24 14:03 |
| S41 | 6 | ((nonlinear near3 crystal and (filter or etalon)) and bulk) and periodic near3 reversal | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2003/11/24 10:37 |
| S42 | 10 | (nonlinear near3 crystal and (filter or etalon)) and periodic near3 reversal | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2003/11/24 10:42 |
| S43 | 41 | (nonlinear near3 crystal and (filter or etalon)) and ((band near pass near filter) or bpf) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2003/11/24 11:02 |

| | | | | | | |
|-----|------|---|------------------------------------|----|-----|------------------|
| S44 | 54 | (nonlinear near3 crystal and (filter or etalon)) and (birefringent near3 filter) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2003/11/24 11:03 |
| S45 | 386 | (nonlinear near3 crystal and (filter or etalon)) and semiconductor near3 laser | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2003/11/24 13:22 |
| S46 | 87 | ((nonlinear near3 crystal and (filter or etalon)) and semiconductor near3 laser) and bulk | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2003/11/24 13:23 |
| S47 | 50 | ((nonlinear near3 crystal and (filter or etalon)) and semiconductor near3 laser) and bulk) and "372"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2003/11/24 13:24 |
| S48 | 38 | ((nonlinear near3 crystal and (filter or etalon)) and semiconductor near3 laser) and bulk) and "372"/\$.ccls.) not (laser near crystal) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2003/11/24 14:05 |
| S49 | 390 | (nonlinear near3 crystal and (filter or etalon)) and laser near3 diode | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2003/11/24 14:04 |
| S50 | 95 | ((nonlinear near3 crystal and (filter or etalon)) and laser near3 diode) and bulk | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2003/11/24 14:04 |
| S51 | 53 | ((nonlinear near3 crystal and (filter or etalon)) and laser near3 diode) and bulk) and "372"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2003/11/24 14:04 |
| S52 | 41 | ((nonlinear near3 crystal and (filter or etalon)) and laser near3 diode) and bulk) and "372"/\$.ccls.) not (laser near crystal) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2003/11/24 14:05 |
| S53 | 6 | ((nonlinear near3 crystal and (filter or etalon)) and laser near3 diode) and bulk) and "372"/\$.ccls.) not (laser near crystal)) not (solid near state) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2003/11/24 14:05 |
| S54 | 1 | ("5452312").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/05/12 18:05 |
| S55 | 0 | ("sonodo").PN. | USOCR; JPO | OR | OFF | 2004/05/13 09:38 |
| S56 | 0 | sonodo | JPO | OR | OFF | 2004/05/13 09:38 |
| S57 | 5561 | sonoda | JPO | OR | OFF | 2004/05/13 09:38 |

| | | | | | | |
|-----|------|--|------------------------------------|----|-----|------------------|
| S58 | 0 | sonoda and jp10254001 | JPO | OR | OFF | 2004/05/13 09:39 |
| S59 | 0 | " jp10254001" | JPO | OR | OFF | 2004/05/13 14:10 |
| S60 | 4 | thin near film near narrow near band near pass near filter and wavelength near select\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/05/13 14:16 |
| S61 | 7 | thin near film near narrow near band near pass near filter | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/05/13 14:19 |
| S62 | 136 | thin near film and narrow near band near pass near filter | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/05/13 14:30 |
| S63 | 0 | (thin near film and narrow near band near pass near filter) and wavelength near3 select\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/05/13 14:19 |
| S64 | 53 | (thin near film and narrow near band near pass near filter) and wavelength near3 select\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/05/13 14:28 |
| S65 | 7 | ((thin near film and narrow near band near pass near filter) and wavelength near3 select\$3) and harmonic | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/05/13 14:20 |
| S66 | 42 | ((thin near film and narrow near band near pass near filter) and wavelength near3 select\$3) and laser | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/05/13 14:20 |
| S67 | 136 | (thin near film and narrow near band near pass near filter:) and372/".\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/05/13 14:29 |
| S68 | 6 | (thin near film and narrow near band near pass near filter) and "372/".\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/05/13 14:29 |
| S69 | 1568 | narrow near band near pass near filter | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/05/13 14:30 |
| S70 | 42 | (narrow near band near pass near filter) and "372/".\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/05/13 14:30 |
| S71 | 1 | ("6160828").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/05/14 16:12 |

| | | | | | | |
|-----|------|--|------------------------------|----|-----|------------------|
| S72 | 0 | ("organicnear3lasersameled\$2"). PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/05/14 16:40 |
| S73 | 99 | organic near3 laser same led\$2 | US-PGPUB; USPAT | OR | OFF | 2004/05/14 16:45 |
| S74 | 15 | (organic near3 laser same led\$2) and vcsel | US-PGPUB; USPAT | OR | OFF | 2004/05/14 16:40 |
| S75 | 55 | organic near3 laser same threshold | US-PGPUB; USPAT | OR | OFF | 2004/05/14 16:50 |
| S76 | 84 | organic near3 laser and optical\$3 near3 pump\$3 and align\$4 | US-PGPUB; USPAT | OR | OFF | 2004/05/14 16:51 |
| S77 | 5561 | sonoda | JPO | OR | OFF | 2004/05/20 10:23 |
| S78 | 661 | sonoda and "1998" | JPO | OR | OFF | 2004/05/20 10:23 |
| S79 | 1 | (sonoda and "1998") and "10254001" | JPO | OR | OFF | 2004/05/20 10:23 |
| S80 | 1 | ("5452312").PN. | US-PGPUB; USPAT | OR | OFF | 2004/11/12 18:20 |
| S81 | 41 | bulk near3 wavelength near3 convert\$3 | US-PGPUB; USPAT | OR | OFF | 2004/11/13 14:23 |
| S82 | 25 | S81 and filter\$1 | US-PGPUB; USPAT | OR | OFF | 2004/11/12 18:37 |
| S83 | 50 | bulk near3 grating with filter | US-PGPUB; USPAT | OR | OFF | 2004/11/13 14:23 |
| S84 | 33 | bulk near3 grating near3 filter | US-PGPUB; USPAT | OR | OFF | 2004/11/13 14:39 |
| S85 | 0 | bulk near3 grating near3 filter same (wavelenght near3 select\$3) | US-PGPUB; USPAT | OR | OFF | 2004/11/13 14:25 |
| S86 | 4 | bulk near3 grating near3 filter same (wavelength near3 select\$3) | US-PGPUB; USPAT | OR | OFF | 2004/11/13 14:36 |
| S87 | 2 | S84 and "372"/\$.ccls. | US-PGPUB; USPAT | OR | OFF | 2004/11/13 14:29 |
| S88 | 50 | bulk near3 grating with filter | US-PGPUB; USPAT | OR | OFF | 2004/11/13 14:29 |
| S89 | 6 | S88 and "372"/\$.ccls. | US-PGPUB; USPAT | OR | OFF | 2004/11/13 14:29 |
| S90 | 17 | bulk near3 grating with (wavelength near3 select\$3) | US-PGPUB; USPAT | OR | OFF | 2004/11/13 14:37 |
| S91 | 36 | bulk near3 grating near3 filter\$1 | US-PGPUB; USPAT | OR | OFF | 2004/11/13 14:39 |